

# 2010 DOE Vehicle Technologies Program Review Presentation SANBAG Natural Gas Truck Project

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Project ID: ARRAVT044

# Project Overview

## Timeline

- Start: December 23, 2009
- End: December 22, 2013
- Percent complete: 8%

## Budget

Total Project Funding

- DOE: \$ 9,950,7080
- CEC: 9,308,000
- Ryder: 20,000,000\*
- ✓ Total= \$39,258,708.00

\* Under review, being finalized

## Barriers

- Change in Fleet Partner
- NEPA/CEQA Clearances

## Partners

- Department of Energy
- California Energy Commission
- Ryder Truck Rental, Inc.
- Gladstein, Neandross & Associates (GNA) providing Administration & Technical
- Southern California Association of Governments (SCAG), acting as the Clean Cities' Coalition

# Project Objective

- Purchase more than 200 new OEM natural gas heavy duty trucks, construct two natural gas fueling stations (liquefied, compressed natural gas, or both), upgrade three facilities to accommodate natural gas vehicle maintenance, provide training, administration, technical assistance and provide outreach on project benefits
- As a result, this project will:
  - Replace more than 1.51 million gallons of diesel used annually with 100% domestically produced low-carbon natural gas
  - Contribute to the maintenance/creation of more than 400 US green jobs
  - Reduce more than 9.2 million pounds (4,195 metric tons) of greenhouse gas emissions per year
  - Reduce more than 131 tons of nitrogen oxide emissions annually
  - Eliminate 2.65 tons of diesel particulate emissions from neighborhoods

# Milestone Timeline

Month/Year	Milestone
June 2010	<ul style="list-style-type: none"><li>• All contracts executed between DOE, CEC, Ryder, GNA, and SCAG (100%)</li><li>• Submit CEQA and NEPA environmental questionnaires to CEC &amp; DOE (100%)</li></ul>
July 2010	<ul style="list-style-type: none"><li>• Receive a CEQA and NEPA declaration for facilities and infrastructure (100%)</li><li>• Release RFP's for facilities and infrastructure projects (100%)</li><li>• Place PO for first round of vehicles to be maintained (100%)</li></ul>
August 2010	<ul style="list-style-type: none"><li>• Receive bids, evaluate, and reward</li></ul>

# Milestone Timeline-Continued

Month/Year	Milestone
September 2010 to February 2011	<ul style="list-style-type: none"><li>• Place a PO for balance of vehicles based on completion of maintenance facility and fueling infrastructure (100%)</li></ul>
January 2011	<ul style="list-style-type: none"><li>• Maintenance facility work completed</li><li>• First round of trucks delivered (50%)</li></ul>
March 2011	<ul style="list-style-type: none"><li>• Infrastructure completed and opened</li></ul>
February-July 2011	<ul style="list-style-type: none"><li>• All trucks delivered (100%)</li></ul>

# Technical Accomplishments

- Drafted NEPA questionnaires
- Execution, Management, and Reporting for DOE and CEC
- Draft RFPs for Fueling Station construction
- Assistance to Fleet partner on technical decisions
- Marketing
  - GNA developed a press release announcing program developments and addition of Ryder to the project
  - GNA developed a two-page summary of the project and consulted with SANBAG regarding outreach to project supporters

# Collaborations/Partnerships

- Department of Energy
- Clean Energy Commission
- Ryder Truck Rental, Inc.
- Gladstein, Neandross & Associates (GNA)
- Southern California Association of Governments (SCAG) acting as the Clean Cities Coalition

# Future Work

- Finalize contracts
- Seek NEPA/CEQA clearances for facilities/infrastructure
- Develop and release RFPs for facilities/infrastructure
- Issue vehicle purchase orders
- Develop and implement driver/mechanic training program
- Provide outreach and promote project benefits



# Summary

Even with change in project partner,  
project is on schedule and will be  
delivered by December 2011

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